

CLOTHING I-II

Levels: I

Units of Credit: .5 to 1.0 **

CIP Code: 20.0113

Prerequisite: Clothing I must precede Clothing II

COURSE DESCRIPTION

** Clothing I-II maybe taught as a 1.0 credit course or divided into two .5 credit courses.

CLOTHING I—(.5 credit) This course introduces students to basic sewing and pressing equipment, textiles, introductory level project construction techniques, and techniques for constructing edge finishes. Student leadership (FCCLA) may be an integral part of this course. (Standards 1-6 will be covered on Skill Certification Test # 350.)

CLOTHING II—(.5 credit) This course introduces students to basic sewing, serger, and pressing equipment, reviews the types of fabric construction, makes an intermediate level project using correct construction techniques. Student leadership (FCCLA) may be an integral part of this course. (Standards 7-10 will be covered on Skill Certification Test # 353)

CORE STANDARDS, OBJECTIVES, AND INDICATORS

STANDARD

20.0113-01 Students will identify basic sewing equipment.

OBJECTIVES

20.0113-0101 Identify sewing machine parts and their function, safety, and maintenance.
National Standard 16.4.1

- Identify the needle stitch plate, feed dogs/system, presser foot, bobbin case, spool pin, upper thread tension, presser foot lever/lifter, thread take-up lever, foot pedal, handwheel, stitch length control, and stitch width control
- Demonstrate how to **properly thread the sewing machine**, replace a needle and how to turn the hand wheel when sewing
- Identify sewing safety precautions and procedures
- Clean, oil, and care for the machine according to machine manual

20.0113-0102 **Introduce the serger and its function.** ~~safety and maintenance.~~
National Standard 16.4.1

- **Discuss the advantages of the serger.**
- **Practice operating the serger.**
- **Dicuss safety and maintenance of a serger.**

20.0113-0103 Resolve sewing ~~and serger~~ malfunctions.

- Explain how to remedy skipped stitches, lint removal, noisy sewing machine, puckered seams, snagged fabric, tension, breaking of needle, etc.
- Complete basic problems encountered when sewing: thread jam, broken needle, ~~dull knives,~~ incorrect stitch formation, etc.

20.0113-0104 Identify sewing equipment, function, and safety procedures.
National Standard 16.4.1

- Identify a seam ripper, dressmaker pins, shear/scissors, pinking shears, rotary cutter and mat, seam gauge, tape measure, and transparent rulers
- List sewing equipment safety precautions, procedures, and maintenance

STANDARD

20.0113-02 Students will identify basic pressing equipment.

OBJECTIVES

- 20.0113-0201 Identify parts and functions of irons.
National Standard 16.4.3
- Identify temperature settings
 - Explain safety procedures
 - Explain the maintenance of an iron
- 20.0113-0202 Identify basic pressing equipment, functions, safety procedures and maintenance.
National Standard 16.4.3
- Identify pressing cloth, **seam** roll, tailor's ham, sleeve board
 - Complete pressing/ironing techniques
 - Demonstrate the use of fusables

STANDARD

20.0113-03 Students will identify the characteristics and care of specific textiles.

OBJECTIVES

- 20.0113-0301 Identify basic fibers, the characteristics, use and care of each textile.
National Standards 16.2.1, 16.2.2, 16.2.5
- Identify natural fibers: cotton, linen, silk, wool
 - Identify synthetic fibers: nylon, polyester, acrylic, rayon, spandex, acetate
 - Identify blended yarns/threads
 - Practice stain removal techniques
- 20.0113-0302 Discuss how fabric construction affects selection of fabric.
National Standard 16.4.2
- Identify the characteristics of woven fabrics
 - Identify the characteristics of knit fabrics
 - Identify the characteristics of non-woven/felting

STANDARD

20.0113-04 Students will follow the pattern envelope and guidesheet to complete the pre-construction skills at the introductory level.

OBJECTIVES

- 20.0113-0401 Identify the information found on and in the pattern envelope.
- Identify important information on the pattern envelope: appropriate size, fabric type, notions, and yardage
 - Identify important information found on the guide sheet: select pattern pieces, layout, and construction steps
- 20.0113-0402 Complete pattern preparation
- Identify pattern tissue terminology/symbols: grainline, arrows, notches, small dots, square, triangles, buttons and buttonholes, cutting line, stitching line, fold lines
 - Complete necessary pattern adjustments: length or width

- 20.0113-0403 Correctly layout the pattern pieces on the fabric.
- Preshrink fabric
 - Press and straighten grain, if necessary
 - Check for one-way and/or nap layout
 - Identify correct layout
 - Check grainline
 - Double check all pieces before cutting
- 20.0113-0404 Correctly pin and cut out the fabric pieces
- Use correct spacing and positioning of pins
 - Select and use appropriate cutting tool(s)
 - Cut notches away from the seam allowance
 - Keep the fabric as flat as possible when cutting pattern pieces out
- 20.0113-0405 Correctly mark the necessary pattern markings on the fabric pieces.
- Identify methods of marking
 - Select and use the best type of marking for that fabric

STANDARD

20.0113-05 Students will complete construction techniques at the introductory level.

OBJECTIVES

- 20.0113-0501 Identify and practice basic construction techniques: basting, **back stitching**, **pivoting**, clean finish, clipping, **notching**, edge stitching, facing, fold line, grading/layering, **grainline (lengthwise, crosswise, bias)**, interfacing, **notches**, one-way directional patterns/prints, reinforce stitching, seam allowance, seam finishes, selvage, stay stitching, stitching line, stitch in the ditch, top stitching
National Standard 16.4.5
- 20.0113-0502 Examine and select correct thread for the project.
National Standard 16.4.5
- Standard thread is all purpose/cotton wrapped polyester
 - Specialty threads: quilting, heavy duty, embroidery, metallic, etc.
 - Serger thread is lighter weight than standard sewing machine threads
 - Quality thread prevents stitching problems
- 20.0113-0503 Compare and select correct needles.
National Standard 16.4.5
- Identify needle types: universal, sharp and ball point
 - Needle sizes: the bigger the number the bigger the needle
 - Lengthwise groove on the needle carries the thread
 - Insert needle according to machine manual.
- 20.0113-0504 Identify and construct standard seam widths and markings.
National Standard 16.4.5
- Standard seam width for commercial patterns is 5/8 inch
 - Always check guidesheet/instructions for correct seam width
 - Identify 1/4, 3/8, 1/2, 5/8, and 3/4 inch width markings on the needle plate

- 20.0113-0505 Press garment correctly.
National Standard 16.4.5
- Identify direction seam allowance should be pressed
 - Pressing is an up and down motion; ironing is a sliding motion
 - Press as you sew
 - Use correct temperature for fabric
 - Use steam/moisture if appropriate
 - Use pressing cloth to prevent scorching and/or shine marks

STANDARD

20.0113-06 Students will implement the various, basic construction techniques.

OBJECTIVES

- 20.0113-0601 Complete appropriate seam and edge finishes.
National Standard 16.4.5
- A seam finish is applied to the raw fabric edges, used to prevent raveling/fraying
 - Identify terms: zigzagged, serged open, serged closed, clean finished, stitch and pink
- 20.0113-0602 Construct a casing.
National Standard 16.4.5
- 20.0113-0603 Construct the correct application techniques for a pocket.
National Standard 16.4.5
- 20.0113-0604 Construct a buttonhole.
National Standard 16.4.5
- 20.0113-0605 Secure a button by hand or machine.
National Standard 16.4.5
- 20.0113-0606 Make a correct double fold hem.
National Standard 16.4.5
- 20.0113-0607 Use commercially prepared directions/guidesheets throughout project construction.
- 20.0113-0608 Complete one or more of the following hand stitches: blind stitch, hemstitch, slipstitch, whipstitch, or ladder stitch.

STANDARD

20.0113-07 Students will review and identify basic sewing, serger, and pressing equipment.

OBJECTIVES

- 20.0113-0701 Identify sewing machine parts and their functions.
National Standard 16.4.1
- Explain the use of specialty feet (zipper, buttonhole, blind hem, and additional feet)
 - Review owner's guide for care and specific maintenance of the machine
- 20.0113-0702 Identify the parts of the serger.
National Standard 16.4.1
- **Identify the needle stitch plate, feed dogs/system, presser foot, thread tensions, presser foot lever/lifter, hand wheel, stitch length control, stitch width control, and knives and loopers.**
 - **Demonstrate how to replace a needle and how to turn the hand wheel when sewing.**
 - **Identify safety precautions and procedures when working with a serger.**
 - **Clean, oil, and care for serger according to machine manual.**
 - **Practice securing seam ends.**

- 20.0113-0703 Practice advanced pressing techniques.
National Standard 16.4.3
- Incorporate the practice of “press as you sew”
 - Use correct pressing equipment

STANDARD

20.0113-08 Students will review and identify types of fabric construction.

OBJECTIVES

- 20.0113-0801 Identify basic fibers.
National Standard 16.2.1
- 20.0113-0802 Identify various types of fabric construction.
National Standard 16.4.2
- Identify basic weaves (plain, basket, twill, satin)
 - Identify knits
 - Identify non-woven fabrics

STANDARD

20.0113-09 Students will complete pre-construction techniques at the intermediate level.

OBJECTIVES

- 20.0113-0901 Identify necessary pattern information and alterations.
National Standard 16.4.5
- Measure accurately to determine the correct pattern size **allowing for ease**.
 - Use pattern envelope to determine correct type and amount of fabric.
 - Explain how to select correct pattern size.
 - Practice taking body and pattern measurements.
 - Make necessary pattern alterations.
 - Select appropriate fabric, yardage, and notions for the project.
- 20.0113-0902 Apply appropriate fabric and pattern preparation, layout, cutting and marking techniques.
National Standard 16.4.5
- Review pattern layout
 - Review pattern placement
 - Discuss one-way directional/nap layout
- 20.0113-0903 Practice correct cutting techniques. (Refer to objective 20.0113-0404)
National Standard 16.4.5
- 20.0113-0904 Demonstrate correct marking techniques. (Refer to objective 20.0113-0405)
National Standard 16.4.5

STANDARD

20.0113-10 Students will complete correct construction techniques at the intermediate level.

OBJECTIVES

- 20.0113-1001** Practice intermediate stitching techniques.
National Standard 16.4.5
- Review thread characteristics and selection
 - Review needle characteristics and selection
 - Identify stitching terminology: dart, ease stitching, gathering, pleat, tuck, understitching, staystitching
- 20.0113-1002** Complete appropriate techniques for refining enclosed seams. (clipping, notching, layering/grading, trimming)
- 20.0113-1003** Practice correct application techniques for attaching interfacings and facings.
- Practice selecting and applying interfacings
 - Discuss and practice how to apply a facing
- 20.0113-1004** Construct techniques for darts, tucks, pleats, or gathering.
- 20.0113-1005** Construct techniques for constructing sleeves (kimono, raglan, set in (closed seam open/flat)
- 20.0113-1006** Apply correct techniques for inserting zippers (centered, lapped, fly, or exposed/sport).
- 20.0113-1007** Learn uses of and apply an appropriate closure technique: snaps, hook and eye, pant/skirt hook.
- 20.0113-1008** Learn correct application techniques for a trim or other decorative technique: applying/inserting trims, ruffles, lace, piping, decorative stitching, gripper snaps, machine embroidery or appliques.
- 20.0113-1009** Identify types and complete correct application of hems.
- Complete one of the following hemming techniques: hand stitched hems, double fold hem, machine blind hem, rolled hem or other hemming techniques
 - Apply correct edge finishes: clean finished, zigzag, serged, stitched and pinked
 - Identify steps of hem preparation: appropriate length and width, reduce bulk, ease, pressing
 - Identify types of hems: machine blind him, double fold hem, rolled hem, double needle, or hand hemming stitches
- 20.0113-1010** Use commercially prepared directions/guide sheets throughout the project construction.
- 20.0113.1011** Construction button and buttonhole closures.
- Determine correct size of buttonhole.
 - Appropriately mark placement and stitch buttonholes.
 - Appropriately mark and attach buttons.